900

BEST AVAILABLE COPY

| | SEQUENCE LISTING | |
|----|--|-----|
| | <110> Syngenta Limited | |
| 5 | <120> A method of selectively producing male or female sterile plan | its |
| | <130> PPD70629 | |
| 10 | <160> 11 | |
| | <170> PatentIn version 3.1 | |
| 15 | <210> 1 <211> 27 <212> DNA <213> Artificial Sequence | |
| 20 | <220> <223> Primer | |
| | <400> 1 aactgcagct ttttggttag cgaatgc | 27 |
| 25 | <210> 2 <211> 35 <212> DNA | |
| 30 | <213> Artificial Sequence <220> | |
| | <223> Primer | |
| 35 | <400> 2 cagactagtt ttagctaatt tetttaagta aaaac | 35 |
| 40 | <210> 3 <211> 1107 <212> DNA <213> Rhodotorula gracilis | |
| 45 | <400> 3 atgggatccc aaaagagggt tgtggtgctg ggttccggcg tgataggact cagctccgcg | 60 |
| | cttatacttg cccggaaggg gtactccgtc cacatcctgg cccgggacct cccagaggat | 120 |
| | gttageteae agaeettege gteecettgg getggageea aetggaeeee ttttatgaee | 180 |
| 50 | ctcactgacg gcccgaggca ggcaaagtgg gaggagtcta cattcaagaa gtgggtggaa | 240 |
| | cttgtgccaa cggggcatgc catgtggttg aagggaacca ggcgtttcgc ccaaaatgag | 300 |
| 55 | gacggactge teggteactg gtacaaagat ateaeeeeca attatagace ettgeeetet | 360 |
| | teegaatgte caecaggege tattggegtg acttatgaca cattgteagt geaegeteea | 420 |
| | aagtactgcc aatacctegc aagggagete cagaagetgg gggegacatt egagegeege | 480 |
| 60 | accgttactt coetcgagca agcttttgat ggggctgacc tcgtcgttaa cgcgacgggg | 540 |
| 65 | tgggtgcca agtccatcgc tggcatcgat gaccaggcgg ccgagcctat tcgcggtcaa | 600 |
| | eggtgeteg teaagtegee etgeaaaagg tgtaetatgg acagetegga eeeggeatea | 660 |
| | eggegtaca teatecegeg gecaggagge gaagtgattt geggeggtae gtaeggggte | 720 |
| | gagactggg atototoggt caaccoagag accgtocago gcatcotoaa acactgootg | 780 |
| 70 | gcctggatc cgactatttc ttcggacggc acaatcgaag gcatcgaggt gctgcggcat | 940 |

aacgtcggac tcagaccggc gaggagggga ggccctcgcg ttgaagccga gaggattgtt

```
cttccacttg acagaacgaa gagccccctc tcactgggcc gtgggagcgc tcgtgcggcc
                                                                              960
       aaggagaagg aggtgacttt ggtgcatgcc tacggtttct ccagcgctgg ctatcaacag
                                                                             1020
  5
       tcttggggcg cagccgaaga cgtcgcacaa ttggtcgatg aggcgtttca gaggtatcat
                                                                             1080
       ggggccgccc gcgagtctaa gctctga
                                                                             1107
 10
       <210×
              4
             120
       <211>
       <212>
             DNA
       <213> Artificial Sequence
 15
       <220>
       <223> Primer
      <220>
 20
      <221>
             misc_feature
      <222>
             (22)^{-}. (22)
      <223> Where n=a,t, c or g.
 25
      <220>
      <221>
             misc_feature
      <222>
             (23)...(23)
      <223> Where n=a,t, c or g.
 30
      <220>
      <221>
             misc_feature
      <222>
            (24)...(24)
      <223> Where n=a,t, c or g.
35
      <220>
             misc_feature
(97)..(97)
      <221>
      <222>
40
      <223> Where n=a,t, c or g.
      <220>
      <221> misc_feature
45
      <222> (98)..(98)
      <223> Where n=a,t, c or g.
      <220>
50
     <221>
             misc_feature
     <222>
            (99)..(99)
     <223>
            Where n=a,t, c or g.
55
     tecceatgea agegatgeae gnnngaeteg teegaceeeg etteteeege etacateatt
                                                                              60
     ccccgaccag gtggcgaagt catctgcggc gggacgnnng gcgtgggaga ctgggacttg
60
            5
     <210>
     <211>
            120
     <212>
            DNA
     <213> Artificial Sequence
65
     <220>
     <223> Primer
     <220>
70
     <221> misc_feature
     <222>
            (22)..(22)
     <223> Where n=a,t, c or g.
```

```
<220>
        <221> misc_feature
              (23)..(23)
        <222>
       <223> Where n=a,t, c or g.
       <220>
  10
       <221>
              misc_feature
       <222>
               (24)...(24)
       <223>
              Where n=a,t, c or g.
 15
       <220>
              misc_feature
(97)..(97)
       <221>
       <222>
       <223>
              Where n=a,t, c or g.
 20
       <220>
       <221>
              misc_feature
              (98)..(98)
       <222>
              Where n=a,t, c or g.
 25
       <220>
      <221> misc_feature
<222> (99)..(99)
 30
      <223> Where n=a,t, c or g.
      <400> 5
      caagteccag teteccaege ennnegteee geogragatg acttegeeae etggtegggg
35
      aatgatgtag gcgggagaag cggggtcgga cgagtcnnnc gtgcatcgct tgcatgggga
                                                                               120
      <210> 6
40
      <211>
             7
      <212> PRT
      <213> Artificial Sequence
      <220>
45
      <223> Motif
      <400> 6
      Arg Cys Thr Met Asp Ser Ser
50
      <210>
            7
      <211>
     <212> PRT
     <213> Artificial Sequence
     <220>
     <223> Motif
60
     <400> 7
     Gly Gly Thr Tyr Gly Val Gly
65
```